

# INTERNATIONAL SEARCH REPORT

Intern. Application No  
PCT/GB2005/000225

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12Q1/68 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, MEDLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WU D Y ET AL: "SPECIFICITY OF THE NICK-CLOSING ACTIVITY OF BACTERIOPHAGE T4 DNA LIGASE" GENE, ELSEVIER BIOMEDICAL PRESS. AMSTERDAM, NL, vol. 76, 1989, pages 245-254, XP001061707 ISSN: 0378-1119 the whole document	1-6
Y	WO 03/072812 A (EPIGENOMICS AG; ADORJAN, PETER; BURGER, MATTHIAS; MAIER, SABINE; LESCH) 4 September 2003 (2003-09-04) page 19, paragraph 2	1-6
Y	WO 98/24933 A (BOSTON PROBES, INC; DAKO A/S; COULL, JAMES, M; HYLDIG-NIELSEN, JENS, J) 11 June 1998 (1998-06-11) claims	1-6
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

29 April 2005

Date of mailing of the international search report

17/05/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 508 179 A (WALLACE ROBERT B ET AL) 16 April 1996 (1996-04-16) column 1, line 27 - line 45 column 3, line 30 - line 36 -----	1-5
A	WO 96/40992 A (ABBOTT LAB) 19 December 1996 (1996-12-19) the whole document -----	1-5
A	US 5 866 337 A (SCHON ERIC A) 2 February 1999 (1999-02-02) -----	
A	WO 95/32306 A (BIOTRONICS CORP) 30 November 1995 (1995-11-30) -----	

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International Application No  
PCT/GB2005/000225

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			AU 2003219002 A1	09-09-2003
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			WO 03072820 A2	04-09-2003
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			RU 2158765 C2	10-11-2000

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB2005/000225

## Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
  - a. type of material
    - ☒ a sequence listing
    - ☒ table(s) related to the sequence listing
  - b. format of material
    - ☒ in written format
    - ☒ in computer readable form
  - c. time of filing/furnishing
    - ☐ contained in the international application as filed
    - ☐ filed together with the international application in computer readable form
    - ☒ furnished subsequently to this Authority for the purpose of search
2. ☒ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments: